

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	53	("20010037084" "20020161378" "20030120341" "20030208231" "20030233038" "20040024414" "20040078053" "20040111099" "20040133192" "20040220593" "20040236354" "20050004583" "20050038508" "20050049698" "20050055089" "20050059351" "20050159810" "20050197695" "20050216039" "20050228422" "20050228495" "20050251001" "20050267493" "5108368" "5195968" "5318525" "5325845" "5359994" "5368564" "5462527" "5487746" "5507725" "5571085" "5636634" "5640955" "5715817" "5741280" "5814029" "5820592" "5843031" "5868733" "5916147" "6033378" "6086600" "6123699" "6267746" "6319250" "6562037" "6746471" "6797002" "6875224" "6945978" "6949122").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 11:15
L3	76	("20030105519"   "2108206"   "3378010"   "3761979"   "3874338"   "4056854"   "4297749"   "4484579"   "4641366"   "4809695"   "4917089"   "4994077"   "5042707"   "5049153"   "5069679"   "5171252"   "5209756"   "5226429"   "5254130"   "5332402"   "5383886"   "5403326"   "5411552"   "5417700"   "5423858"   "5423882"   "5450860"   "5478309"   "5478353"   "5520701"   "5522873"   "5536251"   "5542949"   "5554185"   "5571137"   "5571215"   "5618306"   "5634932"   "5640955"   "5713910"   "5716367"   "5718725"   "5769812"   "5797927"   "5797960"   "5810847"   "5823956"   "5824065"   "5827237"   "5829447"   "5833671"   "5836955"   "5840081"   "5855614"   "5879307"   "5885271"   "5928224"   "5947363"   "5954732"   "5980455"   "5989284"   "6019722"   "6117144"   "6132447"   "6165183"   "6210432"   "6269819"   "6306133"   "6355030"   "6575971").PN. OR ("6770083").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 11:30

## EAST Search History

L4	19	("20010005787" "20020013571" "20030083741" "20040003819" "20040030382" "20040039442" "20040049207" "20040049211" "20040087975" "20040093023" "20040122448" "4777951" "6165183" "6269819" "6312447" "6461366" "6575971" "6629534" "6752813").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 11:30
L5	773	(clip or clamp or fastener or jaw) same implant\$4 same (valve or atrial or heart or valve or mitral or tricuspid or leaflet)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 12:07
L6	234	(clip or clamp or fastener or jaw) same implant\$4 same (valve or atrial or heart or valve or mitral or tricuspid or leaflet) same (releas\$4 or remov\$4 or detach\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 13:08
L7	415	(606/215,221).CCLS.	USPAT; USOCR	OR	OFF	2006/12/18 13:09
L8	263	(releas\$4 or open or reposition\$4) and I7	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 13:12
L9	263	(releas\$4 or open or reposition\$4 or reclose) and I7	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 13:12
L11	53	("3874388"   "4007743"   "4699611"   "4710192"   "4836204"   "4917089"   "5108420"   "5171259"   "5192301"   "5350399"   "5437288"   "5634936"   "5725553"   "5861003").PN. OR ("6117159").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:02
L12	1	("5833422").PN.	USPAT; USOCR	OR	OFF	2006/12/18 14:02
L13	1	("5853422").PN.	USPAT; USOCR	OR	OFF	2006/12/18 14:02

## EAST Search History

L19	44	("3805793"   "4350160"   "5080663"   "5242456"   "5374275"   "5403326"   "5474573"   "5540704"   "5569274"   "5573540"   "5575800"   "5578044"   "5601574"   "5662664"   "5700272"   "5713910"   "5741277"   "5741279"   "5792094"   "5836956"   "5860992"   "5885238"   "5891159"   "5891160"   "5928224"   "5928250"   "5972020"   "6015427"   "6047700"   "6056760"   "6149660"   "6162233"   "6165183"   "6312447").PN. OR ("6626930"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:47
L20	82	("20020087148"   "20020087169"   "20020161378"   "20020183835"   "2108206"   "3378010"   "3671979"   "3874338"   "4056854"   "4297749"   "4484579"   "4809695"   "4917089"   "4994077"   "5042707"   "5049153"   "5069679"   "5171252"   "5209756"   "5226429"   "5254130"   "5332402"   "5383886"   "5403326"   "5411552"   "5417700"   "5423858"   "5423882"   "5450860"   "5478309"   "5478353"   "5520701"   "5522873"   "5536251"   "5542949"   "5554185"   "5571137"   "5571215"   "5618306"   "5634932"   "5640955"   "5713910"   "5716367"   "5718725"   "5769812"   "5769863"   "5797927"   "5797960"   "5810847"   "5823956"   "5824065"   "5827237"   "5829447"   "5833671"   "5836955"   "5840081"   "5855614"   "5879307"   "5885271"   "5928224"   "5947363"   "5954732"   "5980455"   "5989284"   "6019722"   "6117144"   "6165183"   "6210432"   "6269819"   "6306133"   "6312447"   "6355030"   "6461366"   "6626930").PN. OR ("6752813").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:50
S2	1	("6629534").PN.	USPAT; USOCR	OR	OFF	2006/07/11 09:18
S3	1	("20040003819").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/10 16:56

## EAST Search History

S4	1	("20040087975").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/10 14:23
S5	1	("20040030382").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/10 14:23
S6	1	("20040225300").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/10 14:24
S7	1	("20050033446").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/10 14:25
S11	200	GOLDFARB-ERIC-A\$.in. DEEM-MARK-E\$.in. DELL-KENT-D\$. in. DIECK-MARTIN-S\$.in. FAN-SYLVIA-WEN-CHIN\$.in. GIFFORD-HANSON-S\$.in. MARTIN-BRIAN-B\$.in. POWELL-FEROLYN-T\$.in. ST-GOAR-FREDERICK-G\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 14:29

## EAST Search History

S12	102	(("2108206" "20020087148" "20020087169" "20020161378" "20030120341" "20030187467" "20030233038" "20040024414" "20040111099" "20040133192" "20040220593" "20040236354" "20050004583" "20050038508" "20050049698" "20050055089" "20050059351" "20050159810" "20050197695" "20050216039" "20050228422" "20050228495" "20050251001" "20050267493" "3378010" "3671979" "3874338" "4056854" "4297749" "4484579" "4809695" "4917089" "4994077" "5042707" "5049153" "5069679" "5171252" "5209756" "5226429" "5254130" "5332402" "5383886" "5403326" "5411552" "5417700" "5423858" "5423882" "5450860" "5478309" "5478353" "5520701" "5522873" "5536251" "5542949" "5554185" "5571137" "5571215" "5618306" "5634932" "5640955" "5713910" "5716367" "5718725" "5741280" "5769812" "5797927" "5797960" "5810847" "5823956" "5824065" "5827237" "5829447" "5833671" "5836955" "5840081" "5855614" "5879307" "5885271" "5916147" "5928224" "5947363" "5954732" "5980455" "5989284" "6019722" "6117144" "6165183" "6210432" "6269819" "6306133" "6312447" "6355030" "6461366" "6562037" "6626930" "6746471" "6797002" "6875224" "6945978" "6949122").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 16:02
S13	988	(606/151).CCLS.	USPAT; USOCR	OR	OFF	2006/07/10 16:13

## EAST Search History

S14	266	("20020087148"   "20020087169"   "2108206"   "3326216"   "3378010"   "3671979"   "3805793"   "3827277"   "3837345"   "3874042"   "3874338"   "3882854"   "4042979"   "4056854"   "4064881"   "4297749"   "4315509"   "4350160"   "4374523"   "4394864"   "4414721"   "4449531"   "4476865"   "4484579"   "4655217"   "4686983"   "4791913"   "4796629"   "4809695"   "4851001"   "4917089"   "4924866"   "4932962"   "4935027"   "4981149"   "4994077"   "5021059"   "5042707"   "5047047"   "5049153"   "5053047"   "5061240"   "5062846"   "5069679"   "5074874"   "5080663"   "5100418"   "5104399"   "5147385"   "5147389"   "5171252"   "5209756"   "5221649"   "5222508"   "5222976"   "5226429"   "5242456"   "5254130"   "5258000"   "5304183"   "5304195"   "5320632"   "5330503"   "5332402"   "5350397"   "5358518"   "5364408"   "5366459"   "5368601"   "5374275"   "5375612"   "5383886"   "5395381"   "5395384"   "5403326"   "5411552"   "5413584"   "5417700"   "5423858"   "5423882"   "5445167"   "5450860"   "5474573"   "5478309"   "5478353"   "5520701"   "5522873"   "5536251"   "5540704"   "5542949"   "5554185"   "5569274"   "5571137"   "5571215"   "5573540"   "5575800"   "5578044"   "5601574"   "5618306"   "5634932"   "5640955"   "5662664"   "5700272"   "5713910"   "5716367"   "5718725"   "5741277"   "5741279"   "5769812"   "5792094"   "5797927"   "5797960"   "5810847"   "5823956"   "5824065"   "5827237"   "5829447"   "5833671"   "5836955"   "5836956"   "5840081"   "5855614"   "5860992"   "5879307").PN. OR ("5885238"   "5885271"   "5891159"   "5891160"   "5928224"   "5928250"   "5947363"   "5954732"   "5972020"   "5980455"   "5989284"   "6015427"   "6019722"   "6047700"   "6056760"   "6117144"   "6149660"   "6162233"   "6165183"   "6210432"   "6260810"   "6306133"   "6312447"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 16:41
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## EAST Search History

S15	24	EVALVE-INC\$.as.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 16:42
S16	44	("5042707"   "5209756"   "5417700"   "5423858"   "5478353"   "5713910"   "5797927"   "5810847"   "5947363").PN. OR ("6165183"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 16:52
S17	1	("6629534").PN.	USPAT; USOCR	OR	OFF	2006/07/10 16:56
S19	150	S13 and (mitral or valve or leaflet)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 17:13
S20	673	(606/213).CCLS.	USPAT; USOCR	OR	OFF	2006/07/11 08:30
S21	2	("6269819" "6312447").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/11 08:53
S22	67	("3326216"   "3837345"   "4042979"   "4056854"   "4315509"   "4374523"   "4655217"   "4791913"   "4796629"   "4851001"   "4994077"   "5061240"   "5147385"   "5147389"   "5221649"   "5304183"   "5304195"   "5350397"   "5358518"   "5375612"   "5395381"   "5395384"   "5413584"   "5445167").PN. OR ("5810847"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/11 08:57
S27	33	GREENHALGH-E-SKOTT.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/11 09:03
S28	19	("20010005787" "20020013571" "20 030083741" "20040003819" "20040 030382" "20040039442" "20040049 207" "20040049211" "20040087975 " "20040093023" "20040122448" "4 777951" "6165183" "6269819" "631 2447" "6461366" "6575971" "66295 34" "6752813").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/11 09:03
S30	59	(623/2.12).CCLS.	USPAT; USOCR	OR	OFF	2006/07/11 09:14
S31	96	(623/2.1).CCLS.	USPAT; USOCR	OR	OFF	2006/07/11 09:14
S32	741	(leaflet or mitral or tricuspet) same (arm or clip or grip\$4 or grab\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/11 09:15

## EAST Search History

S33	370	(mitral or tricuspid or leaflet) same (catch\$4 or captur\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/11 10:45
S34	61	("3326216"   "3837345"   "4042979"   "4056854"   "4655217"   "4791913"   "4796629"   "4851001"   "4994077"   "5061240"   "5147385"   "5147389"   "5221649"   "5358518"   "5375612"   "5395381"   "5395384"   "5413584"   "5445167").PN. OR ("5609598"). URP.N.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/11 09:44
S35	1	("5810847").PN.	USPAT; USOCR	OR	OFF	2006/07/11 09:51
S36	931	atrial same (catch\$4 or captur\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/11 10:41
S37	37	atrial same (catch\$4 or captur\$4) same (arm or jaw or clip or clamp)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/11 10:41
S38	11295	(atrial or heart or valve or mitral or tricuspid or leaflet) same (catch\$4 or captur\$4) same (jaw or arm or clip\$4 or clamp\$4 or engag\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/11 10:47
S39	9634	(atrial or heart or valve or mitral or tricuspid or leaflet) same (catch\$4 or captur\$4) same (jaw or arm or clip\$4 or clamp\$4 or engag\$4) and @pd<="20000407"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/11 10:48
S40	8735	(atrial or heart or valve or mitral or tricuspid or leaflet) same (catch\$4 or captur\$4) same (jaw or arm or clip\$4 or clamp\$4 or engag\$4) and (repair\$4 or clos\$4 or sutureless) and @pd<="20000407"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/11 10:50
S41	250	(atrial or heart or valve or mitral or tricuspid or leaflet) same (catch\$4 or captur\$4) same (jaw or arm or clip\$4 or clamp\$4 or engag\$4) and (repair\$4 or clos\$4 or sutureless) and (medical or surgical or surgery) and @pd<="20000407"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/11 10:50
S42	274	(atrial or heart or valve or mitral or tricuspid or leaflet) same (catch\$4 or captur\$4) same (jaw or arm or clip\$4 or clamp\$4 or engag\$4) and (medical or surgical or surgery) and @pd<="20000407"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/11 10:51

## EAST Search History

S43	351	("20020049402"   "20020087148"   "20020087169"   "20020161378"   "20020183835"   "2108206"   "3326216"   "3378010"   "3671979"   "3805793"   "3827277"   "3837345"   "3874042"   "3874338"   "3874388"   "3882854"   "4042979"   "4056854"   "4064881"   "4297749"   "4315509"   "4350160"   "4374523"   "4394864"   "4414721"   "4449531"   "4476865"   "4484579"   "4655217"   "4686983"   "4791913"   "4796629"   "4809695"   "4851001"   "4917089"   "4924866"   "4932962"   "4935027"   "4981149"   "4994077"   "5021059"   "5042707"   "5047047"   "5049153"   "5053047"   "5061240"   "5062846"   "5069679"   "5074874"   "5080663"   "5100418"   "5104399"   "5147385"   "5147389"   "5171252"   "5181919"   "5209756"   "5221649"   "5222508"   "5222976"   "5226429"   "5242456"   "5254130"   "5258000"   "5267958"   "5304183"   "5304195"   "5320632"   "5330442"   "5330503"   "5332402"   "5350397"   "5358518"   "5364408"   "5366459"   "5368601"   "5374275"   "5375612"   "5383886"   "5395381"   "5395384"   "5403326"   "5411552"   "5411558"   "5413584"   "5417700"   "5423858"   "5423882"   "5425738"   "5443446"   "5445167"   "5450860"   "5458131"   "5474573"   "5478309"   "5478353"   "5496310"   "5520701"   "5522873"   "5536251"   "5540704"   "5542949"   "5549122"   "5554185"   "5569274"   "5571137"   "5571215"   "5573540"   "5575800"   "5578044"   "5601574"   "5609598"   "5618306"   "5634932"   "5640955"   "5662664"   "5685867"   "5695457"   "5700272"   "5702048"   "5713910"   "5713911"   "5716367"   "5716367").PN. OR ("5718725"   "5741277"   "5741279"   "5769812"   "5769863"   "5792094"   "5797927"   "5797960"   "5810847"   "5823956"   "5824065"   "5827237"   "5829447"   "5833671"   "5836955"   "5836956"   "5840081"   "5849019"   "5855614"   "5860992"   "5870307"   "5885738"   "5885771"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 13:01
12/18/2006 3:10:27 PM		C:\Documents and Settings\toppus\My Documents\EAST\Workspaces\10613443 heart valve repair.wsp	Page 9			

## EAST Search History

S44	20	("5047041"   "5314424"   "5403312"   "5456684"   "5527313"   "5582611"   "5609598"   "5891160"   "5928224"   "6068628"   "6068629"   "6162233"   "6165183"   "6187003"   "6203553"   "6269819"   "6322559").PN. OR ("6575971").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 13:17
S45	1	("6752813").PN.	USPAT; USOCR	OR	OFF	2006/12/18 08:16
S46	82	("20020087148"   "20020087169"   "20020161378"   "20020183835"   "2108206"   "3378010"   "3671979"   "3874338"   "4056854"   "4297749"   "4484579"   "4809695"   "4917089"   "4994077"   "5042707"   "5049153"   "5069679"   "5171252"   "5209756"   "5226429"   "5254130"   "5332402"   "5383886"   "5403326"   "5411552"   "5417700"   "5423858"   "5423882"   "5450860"   "5478309"   "5478353"   "5520701"   "5522873"   "5536251"   "5542949"   "5554185"   "5571137"   "5571215"   "5618306"   "5634932"   "5640955"   "5713910"   "5716367"   "5718725"   "5769812"   "5769863"   "5797927"   "5797960"   "5810847"   "5823956"   "5824065"   "5827237"   "5829447"   "5833671"   "5836955"   "5840081"   "5855614"   "5879307"   "5885271"   "5928224"   "5947363"   "5954732"   "5980455"   "5989284"   "6019722"   "6117144"   "6165183"   "6210432"   "6269819"   "6306133"   "6312447"   "6355030"   "6461366"   "6626930").PN. OR ("6752813").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 08:18

# EAST Search History

S47	378	("20020049402"   "20020087148"   "20020087169"   "20020107531"   "20020161378"   "20020183835"   "20030105519"   "20030130571"   "2108206"   "3326216"   "3378010"   "3671979"   "3761979"   "3805793"   "3827277"   "3837345"   "3874042"   "3874338"   "3874388"   "3882854"   "4042979"   "4056854"   "4064881"   "4297749"   "4315509"   "4350160"   "4374523"   "4394864"   "4414721"   "4449531"   "4476865"   "4484579"   "4641366"   "4655217"   "4686983"   "4791913"   "4796629"   "4809695"   "4851001"   "4917089"   "4924866"   "4932962"   "4935027"   "4981149"   "4994077"   "5021059"   "5042707"   "5047041"   "5047047"   "5049153"   "5053047"   "5061240"   "5062846"   "5069679"   "5074874"   "5080663"   "5100418"   "5104399"   "5147385"   "5147389"   "5171252"   "5181919"   "5209756"   "5221649"   "5222508"   "5222976"   "5226429"   "5242456"   "5254130"   "5258000"   "5267958"   "5304183"   "5304195"   "5314424"   "5320632"   "5330442"   "5330503"   "5332402"   "5350397"   "5358518"   "5364408"   "5366459"   "5368601"   "5374275"   "5375612"   "5383886"   "5395381"   "5395384"   "5403312"   "5403326"   "5411552"   "5411558"   "5413584"   "5417700"   "5423858"   "5423882"   "5425738"   "5443446"   "5445167"   "5450860"   "5456684"   "5458131"   "5474573"   "5478309"   "5478353"   "5496310"   "5520701"   "5522873"   "5527313"   "5536251"   "5540704"   "5542949"   "5549122"   "5554185"   "5569274"   "5571137"   "5571215"   "5573540"   "5575800"   "5578044"   "5582611"   "5601574") .PN. OR ("5609598"   "5618306"   "5634932"   "5640955"   "5662664"   "5685867"   "5695457"   "5695504"   "5700272"   "5702048"   "5713910"   "5713911"   "5716367"   "5718725"   "5741277"   "5741279"   "5766183"   "5769812"   "5769863"   "5792094"   "5792153"   "5797077"   "5797060"   "5810847"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 09:22
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## EAST Search History

S48	28114	(medical or surgical or surgery) and valve and (clip or clamp or suture\$4 or repair\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 09:24
S49	9539	(medical or surgical or surgery) and valve same (clip or clamp or suture\$4 or repair\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 09:25
S50	8252	(medical or surgical or surgery) and valve same (clip or clamp or suture\$4 or repair\$4) and (control\$4 or articulat\$4 or handle\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 09:28
S51	1073	(medical or surgical or surgery) and leaflet same valve same (clip or clamp or suture\$4 or repair\$4) and (control\$4 or articulat\$4 or handle\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 09:32
S52	171	(medical or surgical or surgery) and leaflet same valve same (clip or clamp or suture\$4 or repair\$4) same (control\$4 or articulat\$4 or handle\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 11:15